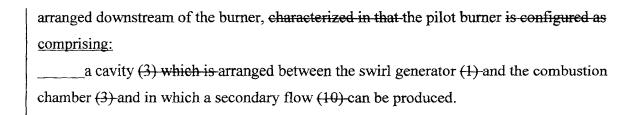
- 1. (Currently Amended) A burner for a heat generator, comprising:

  \_\_\_\_\_a swirl generator (1) for a combustion-air flow and means for injecting fuel for producing a main flow-(6), and;

  \_\_\_\_\_a combustion chamber (2) arranged downstream of the swirl generator;

  characterized in that; and

  \_\_\_\_\_a cavity (3) is arranged between the swirl generator (1) and the combustion chamber-(2), in which cavity (3) a secondary flow (10) can be produced, and this secondary flow (10) that encloses the main flow-(6).
- 2. (Currently Amended) The burner as claimed in claim 1, <del>characterized in that wherein the cavity (3) has an annular toroidal shape.</del>
- 3. (Currently Amended) The burner as claimed in claim 1 or 2, characterized in that further comprising injection means for fuel (4) and for combustion air (5) are arranged in the cavity-(3).
- 4. (Currently Amended) The burner as claimed in claim 1, 2 or 3, eharacterized in that further comprising a mixing section (7) is arranged between the swirl generator (1) and the cavity-(3).
- 5. (Currently Amended) The burner as claimed in one of claims Claim 1 [[to 4]], characterized in that further comprising a mixing section (7) is arranged between the cavity (3) and the combustion chamber (2).
- 6. (Currently Amended) The burner as claimed in one of claims Claim 1 to 5, characterized in that wherein the secondary flow (10) can is configured and arranged to be used as pilot flame.
- 7. (Currently Amended) A pilot burner for the burner of a heat generator, the burner comprising having a swirl generator (1) for a combustion-air flow and means for injecting fuel for producing a main flow (6), and a combustion chamber (2) being



- 8. (Currently Amended) The pilot burner as claimed in claim 7, characterized in that wherein the cavity (3) has an annular toroidal shape.
- 9. (Currently Amended) The pilot burner as claimed in claim 7-or 8, characterized in that <u>further comprising</u> injection means for fuel (4)-and for combustion air (5) are arranged in the cavity-(3).